

JOSHUA JONES

Senior Full-Stack Developer | TypeScript · React · Node.js · PostgreSQL · AWS

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PROFILE

Full-stack engineer with six years of experience building TypeScript products across React, Node.js, PostgreSQL, and AWS. I've owned features from ambiguous requirements through architecture, implementation, and production, including greenfield product work, enterprise platform capabilities, and an independently shipped SaaS product. I tend to work at the boundary between product and engineering: clarifying the problem, deciding what needs to be built to last versus proven quickly, and carrying the result into production.

EXPERIENCE

Senior Developer — Slice | Remote | July 2026 – Present

- **Unlocked ICU-native localization for the design system's entire component library.** Designed and shipped a replacement formatting layer — typed message keys, a shared parse cache, and per-component translation catalogs — adopted team-wide at zero added bundle cost.

Senior Full Stack Developer — Boardera | Remote | June 2020 – July 2026

B2B manufacturing-quoting platform — PCB/BOM workflows across 10+ enterprise contracts.

- **Opened a new customer segment by removing a cloud lock-in.** Replaced a hardwired AWS-S3 dependency with a provider-agnostic object-storage abstraction — one interface, swappable S3/GCS/Azure/MinIO backends selected by a single environment variable with zero application-code changes — unblocking sales to regulated and on-prem customers who must run entirely inside their own security perimeter.
- **Designed the data architecture for flexible enterprise pricing workflows.** Modeled line-item overrides independently from the evolving UI structure, preserving full history through an auditable, append-only data model. The architecture remained stable through 18+ months of active product evolution without requiring a single schema migration.
- **Redesigned ERP synchronization around explicit system ownership.** Moved line-number authority to the external ERP systems that owned the data, rather than maintaining a competing, independently-computed value inside the platform. Simplified integration behavior and eliminated a class of drift between the platform and its ERP integrations.
- **Built automated visual-regression tooling to protect UI quality through a platform expansion.** Around the public launch of Boardera's DECODE API, external usage and surface area grew — making non-breaking, responsive UI across every common screen size matter more than before. UI changes are compared against visual baselines with before/after/diff artifacts across viewports; an advisory AI layer reads the diff and explains what changed in plain language. Deterministic checks stay in the enforcement path — the AI layer is advisory only, by design, to preserve reliability. Caught real regressions — including several mobile-width breakages — before they shipped.

Full Stack Developer — Shine Web Creations | Nov 2019 – April 2020

- Built React frontends and Node.js APIs for small and mid-size clients, integrating payment processors and logistics systems into production e-commerce flows.

PROJECTS

SlipCheck (slipcheck.pro) — Founder / Engineer

- Built and iterated on a field-service SaaS product for snow-removal operations — evolved it from digital service forms into a GPS- and timestamp-verified record of completed work. After a subsequent slip-and-fall incident, the client used the system's records to demonstrate the site had been serviced as expected.
- Built the product independently from schema through deployment — multi-tenant architecture, RBAC, background jobs, automated reporting workflows, authentication, and production operations. Actively maintained for a paying customer.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript

Backend: Node.js, GraphQL, REST APIs, tRPC, Temporal, SQS, Lambda, Kinesis

Data: PostgreSQL, Prisma, MongoDB, Redis

Platform & Cloud: Multi-cloud object storage, request signing (SigV4, SAS), AWS, Docker

Architecture & Testing: Clean Architecture, SOLID, Dependency Inversion, Cypress, Jest

AI Engineering: Multi-agent design, agent safety invariants, LLM integration, Claude Code (skills, agents, MCP)

EDUCATION

Philosophy & Business Administration — Trent University | Full-Stack Web Development Bootcamp — Haiku Academy